



# CITY OF LODI COUNCIL COMMUNICATION

**AGENDA TITLE:** Adopt Resolution Awarding the purchase of padmounted liquid insulated vacuum switchgear and load/fault interrupters to Trayer Engineering of San Francisco, CA (\$105,776.42) (EUD)

**MEETING DATE:** October 3, 2007

**PREPARED BY:** Electric Utility Director

**RECOMMENDED ACTION:** Adopt a resolution awarding the purchase of padmounted liquid insulated vacuum switchgear and load/fault interrupters to Trayer Engineering Corporation of San Francisco, California (\$105,776.42).

**BACKGROUND INFORMATION:** On April 18, 2007, the City Council approved the specifications and authorized the advertisement for bids to procure padmounted liquid insulated vacuum switchgear. This equipment is for the Reynolds Ranch Development Project.

The bid documents and technical specifications were advertised for bid. Four distribution power equipment suppliers and manufacturers requested bid documents. On September 18, 2007, staff received proposals from two companies and an email response from one firm with the following results:

Trayer Engineering Corporation, San Francisco, CA	\$105,776.42
Pacific Utilities Supply Co., Pleasant Hill, CA	\$40,794.15*
Cooper Power Systems, Stateline, NV	No Bid

\*Pacific Utilities Supply Company submitted a proposal for Bid Items 2 and 3 only with alternate switchgear design using air insulated medium. Their proposal did not comply with the technical specifications of the required power equipment.

ABB, Inc. of the City of Industry, California elected not to submit their bid proposal for this solicitation. The submitted bid costs by Trayer Engineering and Pacific Utilities Supply are tabulated below.

<u>Description</u>	<u>Pacific Utilities Supply</u>	<u>Trayer Engineering</u>
Bid Item 1	No Bid	\$22,138.34
Bid Item 2	\$20,585.64	\$22,255.78
Bid Item 3	\$20,208.51	\$24,367.30
Bid Item 4	No Bid	\$37,015.00
Exceptions to bid specifications?	Yes and air-insulated	None

Staff found the proposal of Trayer Engineering Corporation to be compliant with the padmounted liquid insulated vacuum switchgear and load/fault interrupter specifications. The Department has been using the Trayer Padmounted Switchgears in the City's electric distribution system for more than 10 years in several development projects. According to EUD's Line Crew, the equipment has proved itself to be easy to operate, with minimum maintenance work and safe operation especially during emergency troubleshooting during dark, night periods. The last procurement of Trayer padmounted liquid insulated vacuum switchgears was made on January 17, 2000 and eleven (11) units of the Bid Item 2 were purchased. The unit cost was

APPROVED: \_\_\_\_\_  
Blair King, City Manager

**Adopt Resolution Awarding the purchase of padmounted liquid insulated vacuum switchgear and load/fault interrupters to Trayer Engineering Corporation of San Francisco, CA (\$105,776.42) (EUD)**

**October 3, 2007**

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\$22,489.80 on year 2000. Comparing to today's unit cost of \$22,255.78, staff considered Trayer's 2007 bid cost as reasonable. Bid Item 4 will be used for the Blue Shield Project and it will be fitted with automatic control and monitoring that can be accessed remotely from the EUD's Load Dispatch Center. It will be another step towards enhanced electric distribution system automation.

Due to the criticality and long delivery time of this equipment, staff recommends City Council approval of a resolution to award the procurement of the padmounted liquid insulated vacuum switchgears and load/fault interrupters to Trayer Engineering Corporation of San Francisco, CA.

**FISCAL IMPACT:** Procurement cost for this power equipment will be recovered through the City's Full Cost Recovery Rule as per Resolution No. 2006-234.  
Procurement cost is \$105,776.42

**FUNDING AVAILABLE:** Account No. 160650

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Kirk Evans, Budget Manager

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George F. Morrow  
Electric Utility Director

**PREPARED BY:** Demy Bucaneg, Jr., P.E., Manager, Engineering & Operations

GFM/DB/lst

RESOLUTION NO. 2007-\_\_\_\_\_

A RESOLUTION OF THE LODI CITY COUNCIL  
AWARDING THE BIDS FOR THE PURCHASE OF  
PADMOUNTED LIQUID INSULATED VACUUM  
SWITCHGEAR AND LOAD/FAULT INTERRUPTERS

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WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on September 18, 2007, at 11:00 a.m. for the purchase of padmounted liquid insulated vacuum switchgear and load/fault interrupters for the Electric Utility Department, described in the specifications therefore approved by the City Council on April 18, 2007; and

WHEREAS, the City Manager recommends the award of the bid for the various types and sizes of padmounted liquid insulated vacuum switchgear and load/fault interrupters for the Electric Utility Department be made to the bidder(s) whose proposal and equipment meet City of Lodi specifications and whose switchgear and load/fault interrupters are to be used for the Reynolds Ranch Development Project:

Trayer Engineering Corporation, San Francisco, CA	\$105,776.42
Pacific Utilities Supply Co., Pleasant Hill, CA	\$ 40,794.15*
Cooper Power Systems, Stateline, NV	No Bid

\*Pacific Utilities Supply Company submitted a proposal for Bid Items 2 and 3 only with alternate switchgear design using air insulated medium. Their proposal did not comply with the technical specifications of the required power equipment.

NOW, THEREFORE, BE IT RESOLVED that the award of the bid for the purchase of padmounted liquid insulated vacuum switchgear and load/fault interrupters for the Electric Utility Department be and the same is hereby awarded to the lowest responsible bidder, Trayer Engineering Corporation of San Francisco, California, in the total amount of \$105,776.42.

Dated: October 3, 2007

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I hereby certify that Resolution No. 2007-\_\_\_\_\_ was passed and adopted by the City Council of the City of Lodi in a regular meeting held October 3, 2007, by the following vote:

AYES: COUNCIL MEMBERS –

NOES: COUNCIL MEMBERS –

ABSENT: COUNCIL MEMBERS –

ABSTAIN: COUNCIL MEMBERS –

RANDI JOHL  
City Clerk

2007-\_\_\_\_\_